

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/025460 A3

(51) International Patent Classification⁷: H04L 29/06
(21) International Application Number:
PCT/CA2003/001333

(22) International Filing Date:
12 September 2003 (12.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/410,288 13 September 2002 (13.09.2002) US

(71) Applicant and

(72) Inventor: REINER, Richard [CA/CA]; c/o FSC Internet
Corp., 229 Yonge Street, Toronto, Ontario M5B 1N9 (CA).

(74) Agent: SMART & BIGGAR; Attention: Ronald D.
Faggetter, 438 University Avenue, Suite 1500, Box 111,
Toronto, Ontario M5G 2K8 (CA).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

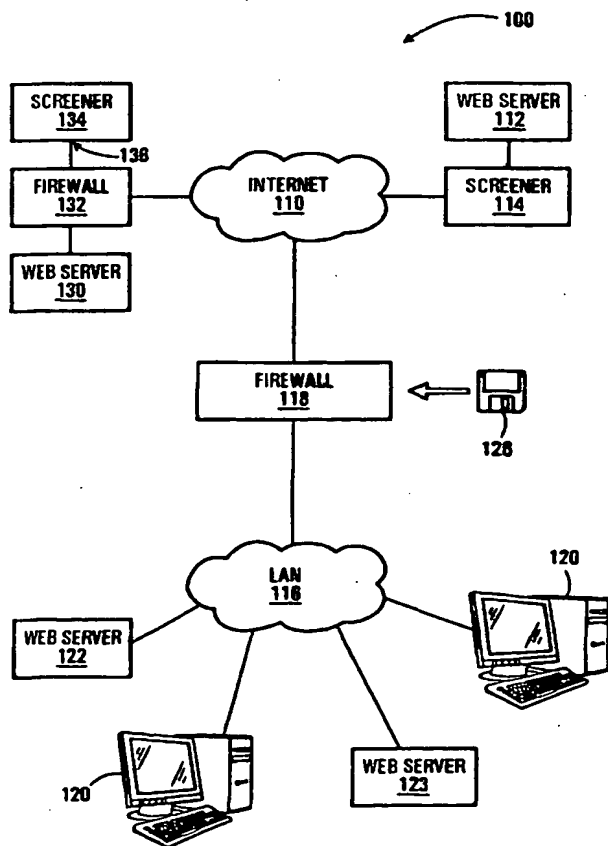
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, KP, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: SCREENING FOR ILLEGITIMATE REQUESTS TO A COMPUTER APPLICATION



(57) Abstract: Illegitimate requests to a computer application may be screened with a rule having at least one of an existential condition; a statistical condition; and a complex universal condition. Illegitimate Hypertext Transfer Protocol (HTTP) requests to a computer application may be screened with a rule applied to an element of the request, such as the Headers.

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(88) Date of publication of the international search report:
23 September 2004

INTERNATIONAL SEARCH REPORT

International Application No

CA 03/01333

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHAPMAN & ZWICKY: "building internet firewalls" November 1995 (1995-11), O'REILLY, SEBASTOPOL, CA, US 238550, XP002290823 page 142, paragraph 4 page 145, paragraph 5 - paragraph 6 page 147, paragraph 3 page 148, paragraph 3	1-30
X	WO 99/57866 A (AURIC WEB SYSTEMS) 11 November 1999 (1999-11-11) page 2, line 3 - line 18 page 3, line 4 - line 15 page 4, line 37 - page 5, line 4 page 8, line 7 - page 9, line 13	1-30

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 August 2004

Date of mailing of the international search report

11/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Veen, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

CA 03/01333

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9957866	A	11-11-1999	CA 2330857 A1	11-11-1999
			EP 1076975 A1	21-02-2001
			JP 2002514802 T	21-05-2002
			WO 9957866 A1	11-11-1999
			US 2001036052 A1	01-11-2001